

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
**WO 2005/012663 A2**

(51) International Patent Classification<sup>7</sup>: **E04B**

(21) International Application Number:  
PCT/GB2004/003356

(22) International Filing Date: 2 August 2004 (02.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0318069.2 1 August 2003 (01.08.2003) GB

(71) Applicant and

(72) Inventor: **FISHER, Hugh** [GB/GB]; Dunree Farm Cottage, Dalrymple, Ayr KA6 6BA (GB).

(74) Agent: **MURGITROYD & COMPANY**; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

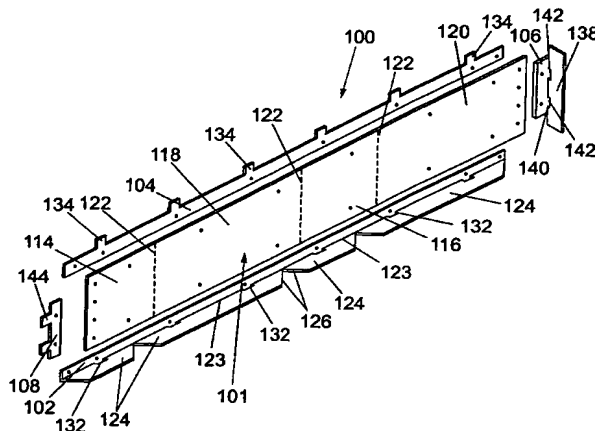
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *without international search report and to be republished upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: BUILDING ELEMENTS



(57) Abstract: A building element for use in construction of buildings and the like comprises a flat body portion (101) and first and second connecting members (102, 104). The connecting members (102, 104) can be attached to the body portion (101) following manufacture or else they can be integrally formed with the body portion. The body portion (101) and connecting members (102, 104) are divided by fold lines (122, 123) in order that they may be folded into particular shapes for use, e.g. a building block (100). Each end of the body portion (101) has a means (106, 108) for engaging the other end of the body portion (101) once the element has been folded into shape in order that the building element shape is retained. The connecting members (102, 104) also include attachment means (132, 134) that can attach the formed building element to other adjacent elements. The elements are formed from punched or cut sheet steel and/or plastics materials and are formed into the desired shapes on site by hand. As the components of the elements are substantially flat when manufactured, they are easy to store and transport prior to use.

WO 2005/012663 A2